



September 1988

**Labour Force Status and
Educational Attendance
(Persons Aged 15 to 24)
Australia**

Catalogue No. 6272.0

EMBARGOED UNTIL 11.30 A.M. 8 MAY 1989

NEW ISSUE

**LABOUR FORCE STATUS AND EDUCATIONAL
ATTENDANCE (PERSONS AGED 15 TO 24), AUSTRALIA
SEPTEMBER 1988**

IAN CASTLES Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 6272.0

REPORT FOR STATE AND EDUCATION
ATTENDANCE (REGIONS AGED 12 TO 19) AUSTRALIA
SEPTEMBER 1989

© Commonwealth of Australia 1989

PHONE INQUIRIES	• <i>about these statistics and the availability of related unpublished statistics</i> — contact Ms Nicolle Wittmann on Canberra (062) 52 6578 or any ABS State office.
MAIL INQUIRIES	• <i>about other statistics and ABS services</i> — contact Information Services on Canberra (062) 52 5402, 52 6007, 52 6627 or any ABS State office.
ELECTRONIC SERVICES	• <i>write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616</i> or any ABS State office.
	• on VIATEL — key *656#. • on AUSSTATS — phone (062) 52 6017. • on TELESTATS — phone (062) 52 5404.

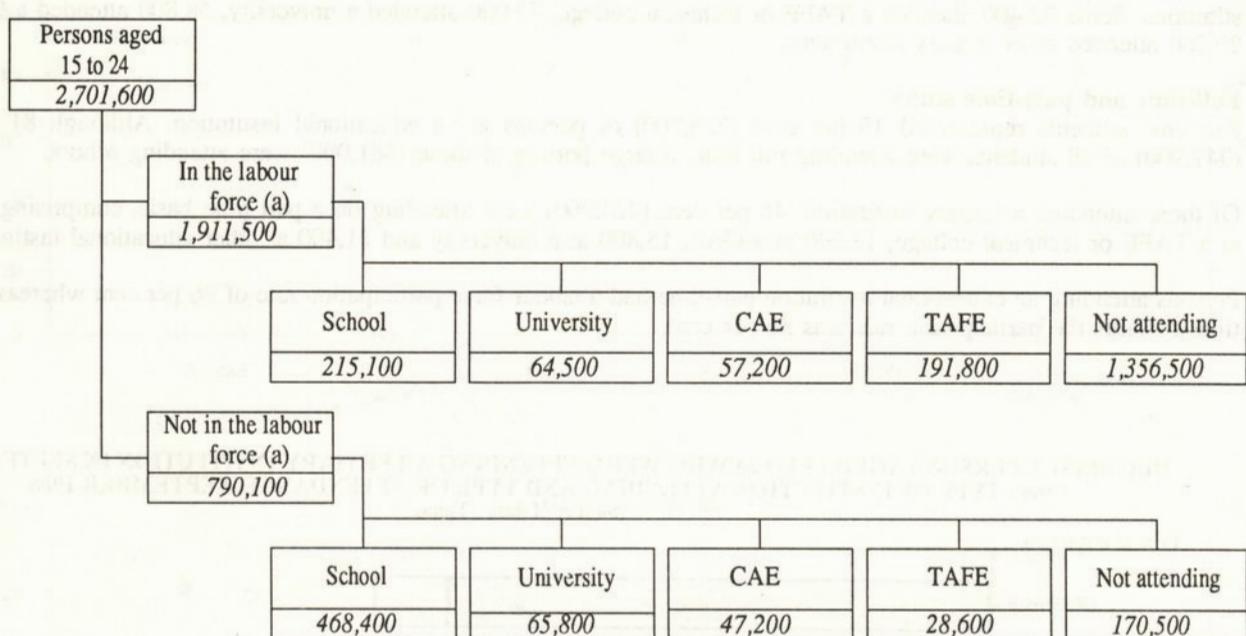
CONTENTS

<i>Table</i>		<i>Page</i>
..	Summary of findings	1
Persons aged 15 to 24		
Whether attending an educational institution and gender—		
1.	Type of institution attending, type of attendance and age, May 1988 and September 1988	5
Persons aged 15 to 24 who were attending an educational institution		
2.	Type of institution attending and gender, May 1988 and September 1988	6
Persons aged 15 to 24		
Whether attending an educational institution in September 1988, type of institution attending and type of attendance—		
3.	Gender and age	7
4.	Age and labour force status	8
5.	Labour force status and gender	9
6.	Whether attending an educational institution in September 1988, gender, birthplace and labour force status	10
Persons aged 15 to 24 who were attending an educational institution in September 1988		
7.	Type of institution attending, level of course, age and gender	11
Persons aged 15 to 24 who were attending a tertiary institution in September 1988		
8.	Type of institution attending, type of attendance, type of school last attended and gender	12
9.	Type of institution attending, level of course, type of school last attended and gender	13
10.	Labour force status and gender—	
11.	Level of course	14
11.	Type of attendance and type of school last attended	15
Persons aged 15 to 19 who were attending school in September 1988		
12.	Gender, age and type of school attending in September 1988	16
APPENDIXES		
..	A Glossary	17
..	B Explanatory Notes	18
..	C Technical Note	20

SUMMARY OF FINDINGS

DIAGRAM 1. PERSONS AGED 15 TO 24: TYPE OF EDUCATIONAL INSTITUTION ATTENDING AND LABOUR FORCE STATUS, SEPTEMBER 1988

(Source of data: Table 4)



(a) Includes persons who were attending other educational institutions.

Participation in the education system

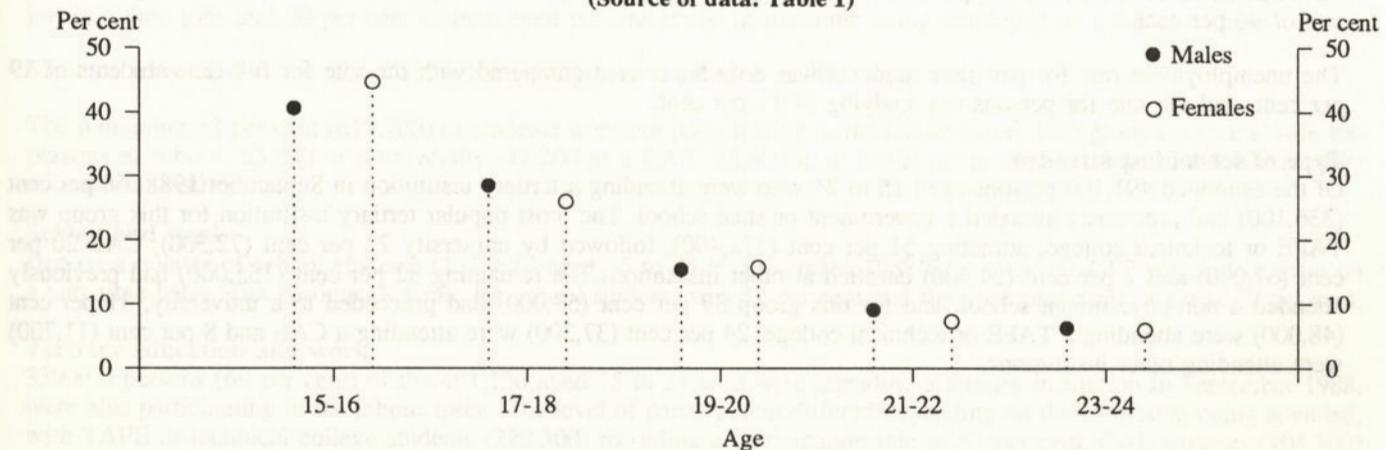
Overview

In September 1988 there were an estimated 2,701,600 persons aged 15 to 24 of whom 43 per cent (1,174,600 persons) were attending an educational institution on a full-time or part-time basis. Of those persons attending, 58 per cent were at school, 19 per cent at a TAFE or technical college, 11 per cent at a university, 9 per cent at a CAE, and 3 per cent at other educational institutions.

The younger age groups comprised a large portion of those attending an educational institution. For males, 41 per cent of those attending were aged 15 or 16 with a further 28 per cent aged 17 or 18, while only 6 per cent were aged 23 or 24. For females a similar pattern emerged with 45 per cent of those attending aged 15 or 16, 26 per cent aged 17 or 18 and 6 per cent aged 23 or 24.

DIAGRAM 2. PERSONS AGED 15 TO 24: DISTRIBUTION OF THOSE ATTENDING AN EDUCATIONAL INSTITUTION BY AGE, SEPTEMBER 1988

(Source of data: Table 1)



Students aged 15 to 19

About two-thirds of persons aged 15 to 19 were attending an educational institution, about three-quarters of whom (679,800) were at school. Additionally 127,900 were attending a TAFE or technical college, 51,300 were at a university, 45,500 at a CAE and 15,400 at other educational institutions.

Students aged 20 to 24

Less than 20 per cent of persons aged 20 to 24 were attending an educational institution - almost exclusively tertiary institutions. Some 92,400 attended a TAFE or technical college, 79,000 attended a university, 58,800 attended a CAE and 20,700 attended other tertiary institutions.

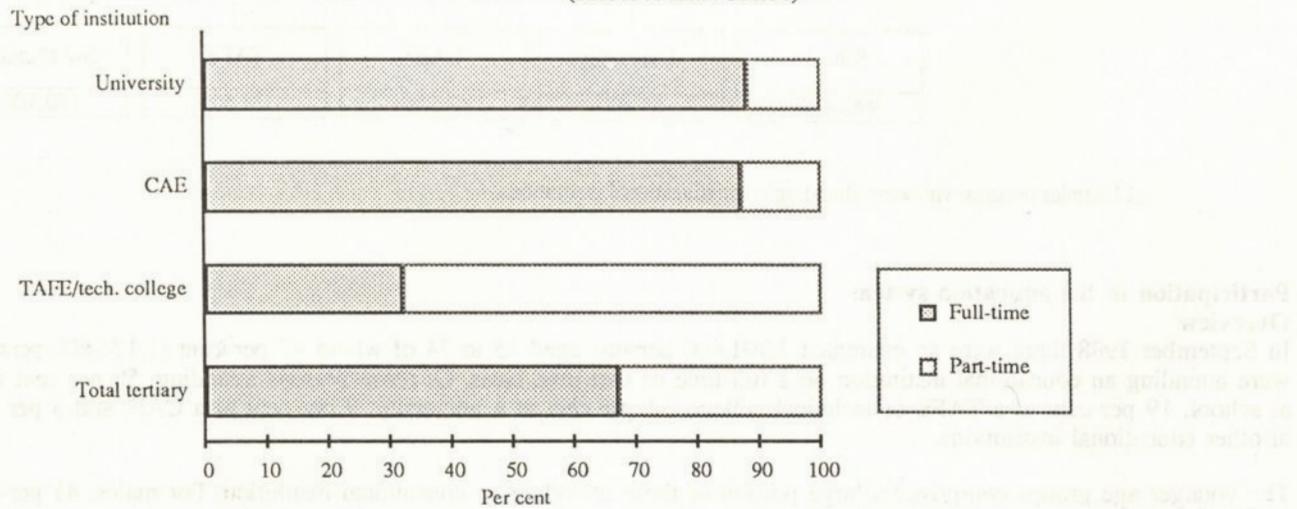
Full-time and part-time study

Part-time students represented 19 per cent (226,700) of persons at an educational institution. Although 81 per cent (947,900) of all students were attending full-time, a large portion of these (681,000) were attending school.

Of those attending a tertiary institution, 46 per cent (224,200) were attending on a part-time basis, comprising 169,100 at a TAFE or technical college, 17,800 at a CAE, 15,800 at a university and 21,400 at other educational institutions.

Persons attending an educational institution part-time had a labour force participation rate of 96 per cent whereas for full-time students the participation rate was 36 per cent.

DIAGRAM 3. PERSONS AGED 15 TO 24 WHO WERE ATTENDING A TERTIARY INSTITUTION IN SEPTEMBER 1988 : TYPE OF INSTITUTION ATTENDING AND TYPE OF ATTENDANCE, SEPTEMBER 1988
(Source of data : Table 8)



In the 15 to 19 years age group the percentage of part-time students was just under 12 per cent (109,100) but their participation rate was a very high 97 per cent.

Amongst 20 to 24 year olds the preference for part-time study had reached 46 per cent (117,500) with a participation rate of 96 per cent.

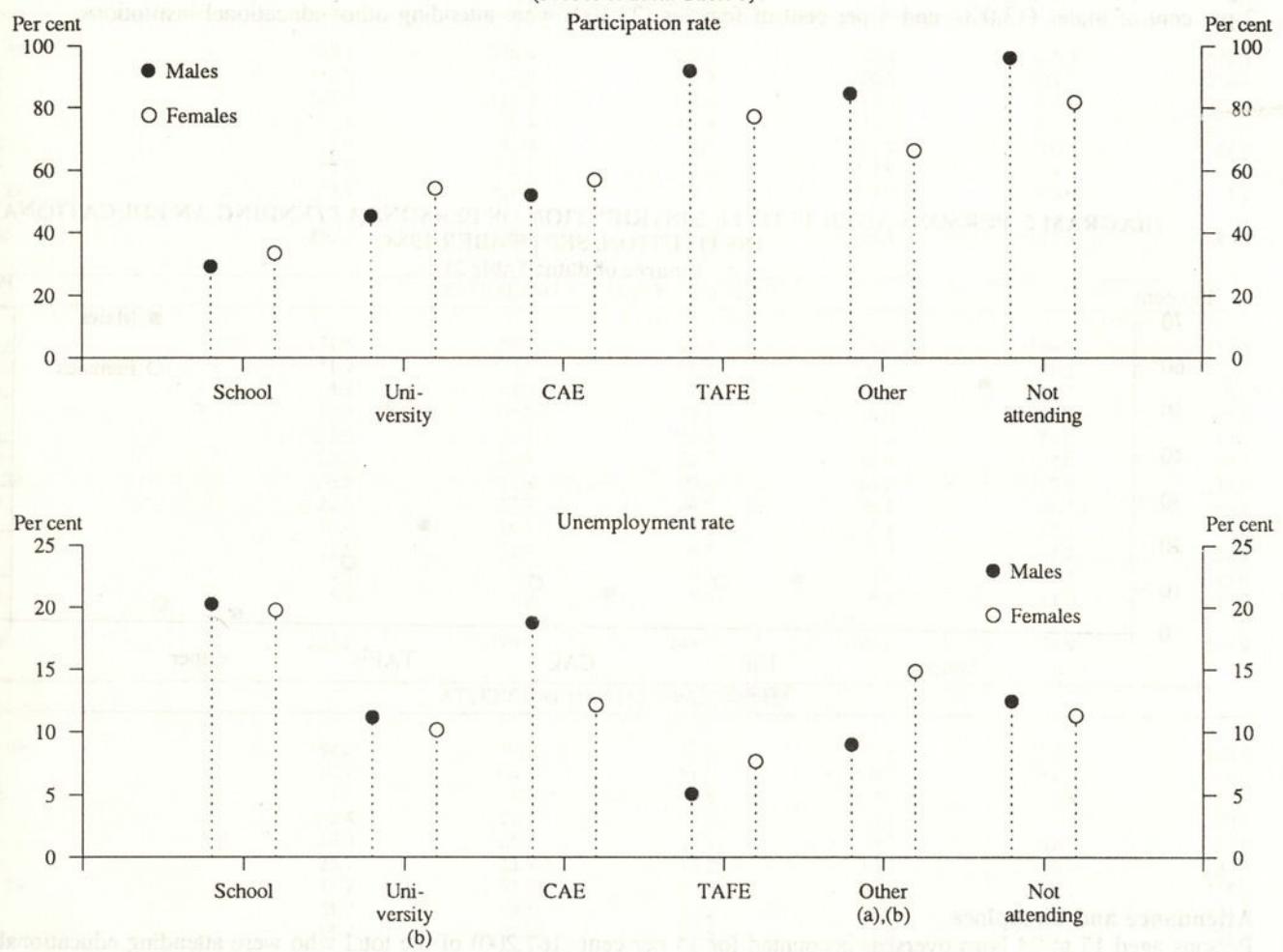
The unemployment rate for part-time students was only 5 per cent compared with the rate for full-time students of 19 per cent, and the rate for persons not studying of 12 per cent.

Type of school last attended

Of the estimated 491,100 persons aged 15 to 24 who were attending a tertiary institution in September 1988, 68 per cent (336,100) had previously attended a government or state school. The most popular tertiary institution for this group was TAFE or technical college, attracting 51 per cent (172,400), followed by university 22 per cent (72,300), CAE 20 per cent (67,000) and 7 per cent (24,400) enrolled at other institutions. The remaining 32 per cent (155,000) had previously attended a non-government school, and for this group 37 per cent (58,000) had proceeded to a university, 31 per cent (48,000) were attending a TAFE or technical college, 24 per cent (37,300) were attending a CAE and 8 per cent (11,700) were attending other institutions.

Education and work

DIAGRAM 4. PERSONS AGED 15 TO 24: TYPE OF INSTITUTION ATTENDING, PARTICIPATION RATE AND UNEMPLOYMENT RATE, SEPTEMBER 1988
 (Source of data: Table 5)



(a) Males - subject to sampling variability too high for most practical uses. (b) Females - subject to sampling variability too high for most practical uses.

Overview

Of the 1,174,600 persons aged 15 to 24 attending an educational institution in September 1988, 41 per cent (481,600) were employed, (204,200 on a full-time basis and 277,300 on a part-time basis). In general the division of study and work amongst employed students appeared complementary with 94 per cent of employed persons in full-time study having part-time jobs and 90 per cent of employed persons studying part-time being employed on a full-time basis.

Students who were in the labour force but unemployed numbered 73,400 (6 per cent).

The remaining 53 per cent (619,700) of students were not participating in the labour force. This group comprised 468,400 persons at school, 65,800 at a university, 47,200 at a CAE, 28,600 at a TAFE or technical college and 9,700 at other educational institutions.

School and work

Just on a quarter of school students (171,900) aged 15 to 24 in September 1988 were employed, 97 per cent of them on a part-time basis. The participation rate for school students was 32 per cent and the unemployment rate was 20 per cent.

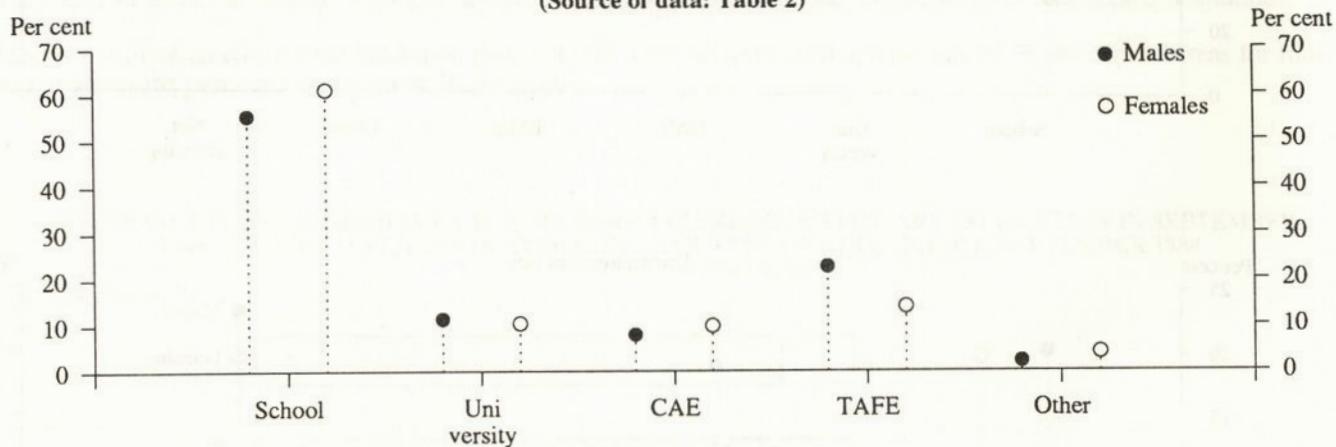
Tertiary education and work

339,800 persons (69 per cent) of the 491,100 aged 15 to 24 who were attending a tertiary institution in September 1988, were also participating in the labour force. The level of participation differed depending on the institution being attended, with TAFE or technical college students (220,300) recording a participation rate of 87 per cent, CAE students (104,300) 55 per cent and university students (130,300) just on 50 per cent.

Attendance and gender

There were 626,100 males and 548,600 females attending an educational institution in September 1988. Attendance at a school accounted for 56 per cent of males (348,100) and 61 per cent of females (335,500). Attendance at a university was comparable, being 11 per cent for both males (71,900) and females (58,400). However, attendance at a CAE was greater for females at 10 per cent (54,300) than males at 8 per cent (50,100), and attendance at a TAFE or technical college was significantly greater for males at 23 per cent (143,000) than for females at 14 per cent (77,300). The remaining 2 per cent of males (13,000) and 4 per cent of females (23,100) were attending other educational institutions.

DIAGRAM 5. PERSONS AGED 15 TO 24: DISTRIBUTION OF PERSONS ATTENDING AN EDUCATIONAL INSTITUTION, SEPTEMBER 1988
(Source of data: Table 2)



Attendance and birthplace

Persons aged 15 to 24 born overseas accounted for 14 per cent (167,200) of the total who were attending educational institutions; of this age-group, 15 per cent of the total population is born overseas.

The percentage of overseas born persons in this age-group attending an educational institution was 41 per cent, marginally below the rate for those born in Australia at 44 per cent. For persons born in the main English-speaking countries the percentage was 32 per cent, compared with 49 per cent for those born in other countries.

TABLE 1. PERSONS AGED 15 TO 24 : WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND AGE, MAY 1988 AND SEPTEMBER 1988
('000)

Age	Males		Females		Persons	
	May 1988	September 1988	May 1988	September 1988	May 1988	September 1988
ATTENDING SCHOOL						
15 - 19	318.1	346.4	308.3	333.4	626.4	679.8
15	136.2	127.9	125.3	126.5	261.5	254.4
16	104.5	112.4	112.0	110.7	216.5	223.1
17	65.6	76.4	61.8	71.5	127.4	147.8
18	9.9	26.4	6.7	21.9	16.6	48.3
19	*2.0	*3.2	*2.5	*2.9	4.5	6.1
20 - 24	*2.6	*1.7	*3.4	*2.0	6.0	3.7
<i>Total</i>	<i>320.7</i>	<i>348.1</i>	<i>311.7</i>	<i>335.5</i>	<i>632.5</i>	<i>683.5</i>
ATTENDING TERTIARY FULL-TIME						
15 - 19	71.4	55.5	87.9	76.4	159.3	131.9
15	*1.9	*0.6	*1.4	*0.8	*3.3	*1.4
16	5.5	4.5	7.2	3.6	12.7	8.1
17	12.3	5.5	15.1	10.0	27.4	15.5
18	28.5	23.1	30.5	24.2	59.0	47.3
19	23.2	21.8	33.8	37.9	57.0	59.7
20 - 24	66.8	71.4	60.8	63.5	127.6	135.0
20	22.3	27.7	24.0	26.1	46.3	53.8
21	19.9	15.3	15.9	15.1	35.8	30.4
22	12.5	12.0	8.7	8.4	21.2	20.4
23	6.7	8.5	6.5	7.1	13.2	15.6
24	5.4	7.9	5.6	6.8	11.0	14.7
<i>Total</i>	<i>138.2</i>	<i>126.9</i>	<i>148.7</i>	<i>140.0</i>	<i>286.9</i>	<i>266.9</i>
ATTENDING TERTIARY PART-TIME						
15 - 19	84.6	79.1	40.2	29.1	124.7	108.2
15	*0.7	*0.2	*1.0	*0.5	*1.7	*0.6
16	7.9	8.3	3.8	*3.1	11.8	11.4
17	22.4	21.0	9.9	6.1	32.3	27.1
18	29.9	25.7	12.2	9.2	42.1	35.0
19	23.7	23.9	13.2	10.2	36.9	34.1
20 - 24	71.7	72.0	56.4	44.0	128.1	116.0
20	21.7	19.5	11.2	8.5	33.0	28.0
21	15.4	17.5	12.5	8.9	27.9	26.4
22	12.6	12.1	9.1	8.0	21.6	20.1
23	11.0	10.8	11.7	9.8	22.6	20.6
24	11.0	12.0	11.9	8.9	23.0	20.9
<i>Total</i>	<i>156.3</i>	<i>151.1</i>	<i>96.5</i>	<i>73.1</i>	<i>252.8</i>	<i>224.2</i>
ATTENDING TERTIARY						
15 - 19	156.0	134.6	128.1	105.6	284.0	240.1
15	*2.5	*0.8	*2.4	*1.3	5.0	*2.0
16	13.4	12.8	11.0	6.7	24.5	19.5
17	34.7	26.5	25.0	16.1	59.7	42.6
18	58.4	48.9	42.7	33.4	101.1	82.3
19	46.9	45.7	47.0	48.1	93.9	93.8
20 - 24	138.5	143.4	117.2	107.5	255.7	250.9
20	44.1	47.3	35.2	34.6	79.3	81.8
21	35.3	32.8	28.5	24.0	63.7	56.8
22	25.1	24.1	17.8	16.4	42.8	40.5
23	17.7	19.3	18.2	16.9	35.9	36.2
24	16.4	20.0	17.5	15.7	34.0	35.6
<i>Total</i>	<i>294.5</i>	<i>278.0</i>	<i>245.3</i>	<i>213.1</i>	<i>539.7</i>	<i>491.1</i>

TABLE 1. PERSONS AGED 15 TO 24 : WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND AGE, MAY 1988 AND SEPTEMBER 1988 —continued
('000)

Age	Males		Females		Persons	
	May 1988	September 1988	May 1988	September 1988	May 1988	September 1988
ATTENDING AN EDUCATIONAL INSTITUTION						
15 - 19	474.1	481.0	436.4	439.0	910.5	920.0
15	138.7	128.7	127.7	127.8	266.4	256.5
16	117.9	125.2	123.0	117.4	240.9	242.6
17	100.3	102.9	86.8	87.5	187.1	190.4
18	68.3	75.3	49.4	55.3	117.7	130.6
19	48.9	48.9	49.5	51.0	98.4	99.9
20 - 24	141.2	145.1	120.6	109.6	261.7	254.7
20	45.6	48.4	36.6	35.9	82.3	84.2
21	35.6	32.9	28.9	24.0	64.6	56.9
22	25.3	24.4	18.4	16.8	43.7	41.2
23	17.9	19.4	18.5	16.9	36.4	36.3
24	16.7	20.1	18.1	15.9	34.8	36.0
Total	615.2	626.1	557.0	548.6	1,172.2	1,174.6
NOT ATTENDING AN EDUCATIONAL INSTITUTION						
15 - 19	232.2	227.2	248.0	246.4	480.3	473.6
15	11.6	9.7	8.6	9.6	20.3	19.2
16	27.3	29.9	25.4	29.3	52.7	59.2
17	54.4	50.5	48.2	48.3	102.6	98.8
18	66.3	63.2	80.2	72.5	146.5	135.7
19	72.6	74.0	85.7	86.8	158.2	160.7
20 - 24	515.5	513.6	527.3	539.8	1,042.8	1,053.4
20	88.4	90.5	87.1	91.4	175.5	181.8
21	101.6	99.1	98.4	105.3	199.9	204.4
22	95.9	102.3	108.0	117.4	203.8	219.7
23	114.7	110.0	117.3	113.0	232.0	223.0
24	115.0	111.8	116.5	112.7	231.5	224.5
Total	747.7	740.8	775.4	786.2	1,523.1	1,527.0
TOTAL						
15 - 19	706.3	708.2	684.5	685.4	1,390.7	1,393.6
15	150.3	138.4	136.4	137.3	286.7	275.7
16	145.2	155.1	148.4	146.7	293.6	301.8
17	154.7	153.4	135.0	135.8	289.7	289.2
18	134.6	138.5	129.5	127.8	264.1	266.3
19	121.5	122.9	135.2	137.7	256.7	260.6
20 - 24	656.6	658.7	647.9	649.3	1,304.5	1,308.1
20	134.0	138.8	123.8	127.2	257.8	266.1
21	137.2	132.0	127.3	129.3	264.5	261.3
22	121.1	126.7	126.4	134.3	247.6	260.9
23	132.6	129.4	135.8	129.9	268.4	259.3
24	131.6	131.9	134.6	128.6	266.3	260.5
Total	1,362.9	1,366.9	1,332.3	1,334.7	2,695.3	2,701.6

TABLE 2. PERSONS AGED 15 TO 24 WHO WERE ATTENDING AN EDUCATIONAL INSTITUTION : TYPE OF INSTITUTION ATTENDING, MAY 1988 AND SEPTEMBER 1988
('000)

	Males		Females		Persons	
	May 1988	September 1988	May 1988	September 1988	May 1988	September 1988
School	320.7	348.1	311.7	335.5	632.5	683.5
University	71.5	71.9	58.0	58.4	129.5	130.3
CAE	53.9	50.1	64.6	54.3	118.6	104.3
TAFE/technical college	158.5	143.0	99.1	77.3	257.6	220.3
Other	10.6	13.0	23.5	23.1	34.0	36.1
Total	615.2	626.1	557.0	548.6	1,172.2	1,174.6

TABLE 3. PERSONS AGED 15 TO 24 : WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND AGE, SEPTEMBER 1988
('000)

Whether attending in Sept 1988	Type of institution attending in Sept 1988	Type of attendance in Sept 1988	Age										Total
			15	16	17	18	19	20	21	22	23	24	
MALES													
Attending --													
	School University		127.9	112.4	76.4	26.4	* 3.2	* 1.1	* 0.1	* 0.2	* 0.1	* 0.2	348.1
		Full-time	* 0.0	* 0.0	* 1.8	11.6	12.8	15.2	9.5	7.7	7.0	6.4	71.9
		Part-time	* 0.0	* 0.0	* 0.0	* 0.7	* 1.9	* 0.7	* 0.8	* 2.1	* 1.9	* 2.3	10.4
	CAE		* 0.0	* 0.3	* 1.8	7.9	8.8	11.7	7.3	4.9	3.7	3.6	50.1
		Full-time	* 0.0	* 0.0	* 0.9	6.7	7.6	9.6	5.2	4.4	* 2.6	* 2.1	39.0
		Part-time	* 0.0	* 0.3	* 1.0	* 1.2	* 1.2	* 2.1	* 2.1	* 0.6	* 1.1	* 1.5	11.1
	TAFE/technical college		* 0.8	12.2	21.8	27.6	23.5	19.0	14.8	9.3	6.5	7.7	143.0
		Full-time	* 0.6	4.2	* 2.6	4.6	* 3.0	* 3.4	* 1.1	* 1.8	* 0.5	* 1.2	23.0
		Part-time	* 0.2	8.0	19.2	23.0	20.5	15.6	13.7	7.5	6.0	6.5	120.0
	Other		* 0.0	* 0.3	* 1.1	* 1.8	* 0.6	* 1.4	* 1.2	* 2.2	* 2.1	* 2.3	13.0
	Total		128.7	125.2	102.9	75.3	48.9	48.4	32.9	24.4	19.4	20.1	626.1
		Full-time	128.5	116.9	81.9	49.5	24.7	28.6	15.3	12.0	8.5	8.1	473.9
		Part-time	* 0.2	8.3	21.0	25.8	24.2	19.8	17.5	12.4	10.9	12.0	152.1
Not attending in September 1988			9.7	29.9	50.5	63.2	74.0	90.5	99.1	102.3	110.0	111.8	740.8
Total			138.4	155.1	153.4	138.5	122.9	138.8	132.0	126.7	129.4	131.9	1,366.9
FEMALES													
Attending --													
	School University		126.5	110.7	71.5	21.9	* 2.9	* 1.3	* 0.0	* 0.5	* 0.0	* 0.3	335.5
		Full-time	* 0.0	* 0.0	* 2.0	9.8	13.4	12.7	6.2	5.1	5.4	3.8	58.4
		Part-time	* 0.0	* 0.0	* 1.8	9.6	13.2	11.9	5.7	4.2	4.3	* 2.2	52.9
	CAE		* 0.0	* 0.0	* 0.2	* 0.1	* 0.2	* 0.7	* 0.5	* 0.9	* 1.2	* 1.5	5.4
		Full-time	* 0.0	* 0.0	* 2.1	7.5	17.0	9.8	7.9	* 3.4	* 3.1	3.5	54.3
		Part-time	* 0.0	* 0.0	* 0.0	* 0.0	* 0.5	* 0.6	* 0.8	* 1.8	* 1.8	* 2.3	47.5
	TAFE/technical college		* 0.6	4.6	9.3	13.0	14.6	10.6	7.8	4.8	6.2	5.8	77.3
		Full-time	* 0.1	* 2.0	4.7	5.5	7.0	4.1	* 1.4	* 1.8	* 0.9	* 0.7	28.3
		Part-time	* 0.5	* 2.6	4.6	7.5	7.6	6.5	6.4	* 3.0	5.3	5.1	49.1
	Other		* 0.7	* 2.1	* 2.7	* 3.2	* 3.0	* 1.5	* 2.1	* 3.1	* 2.2	* 2.6	23.1
	Total		127.8	117.4	87.5	55.3	51.0	35.9	24.0	16.8	16.9	15.9	548.6
		Full-time	127.3	114.3	81.1	45.9	40.8	27.0	15.1	8.6	7.1	6.9	474.0
		Part-time	* 0.5	* 3.1	6.4	9.4	10.2	8.9	8.9	8.3	9.8	9.1	74.5
Not attending in September 1988			9.6	29.3	48.3	72.5	86.8	91.4	105.3	117.4	113.0	112.7	786.2
Total			137.3	146.7	135.8	127.8	137.7	127.2	129.3	134.3	129.9	128.6	1,334.7
PERSONS													
Attending --													
	School University		254.4	223.1	147.8	48.3	6.1	* 2.4	* 0.1	* 0.7	* 0.1	* 0.4	683.5
		Full-time	* 0.0	* 0.0	3.8	21.3	26.2	27.8	15.8	12.8	12.4	10.2	130.3
		Part-time	* 0.0	* 0.0	3.6	20.5	24.0	26.4	14.4	9.8	9.3	6.3	114.5
	CAE		* 0.0	* 0.3	3.9	15.4	25.9	21.5	15.1	8.3	6.8	7.1	104.3
		Full-time	* 0.0	* 0.0	* 3.0	14.2	24.1	18.7	12.3	6.0	3.9	4.4	86.5
		Part-time	* 0.0	* 0.3	* 1.0	* 1.2	* 1.8	* 2.7	* 2.9	* 2.3	* 2.9	* 2.7	17.8
	TAFE/technical college		* 1.3	16.8	31.1	40.6	38.1	29.6	22.5	14.0	12.8	13.5	220.3
		Full-time	* 0.7	6.2	7.4	10.1	10.0	7.5	* 2.5	3.6	* 1.5	* 1.9	51.2
		Part-time	* 0.6	10.6	23.7	30.5	28.1	22.2	20.1	10.5	11.3	11.6	169.1
	Other		* 0.7	* 2.4	3.8	5.0	3.7	* 2.9	* 3.4	5.3	4.2	4.9	36.1
	Total		256.5	242.6	190.4	130.6	99.9	84.2	56.9	41.2	36.3	36.0	1,174.6
		Full-time	255.8	231.2	163.0	95.3	65.5	55.6	30.4	20.6	15.6	15.0	947.9
		Part-time	* 0.6	11.4	27.4	35.3	34.4	28.7	26.4	20.7	20.7	21.1	226.7
Not attending in September 1988			19.2	59.2	98.8	135.7	160.7	181.8	204.4	219.7	223.0	224.5	1,527.0
Total			275.7	301.8	289.2	266.3	260.6	266.1	261.3	260.9	259.3	260.5	2,701.6

TABLE 4. PERSONS AGED 15 TO 24 : AGE, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, SEPTEMBER 1988

Whether attending in Sept 1988	Type of institution attending in Sept 1988	Type of attendance in Sept 1988	Employed			Unemployed	Labour force	Not in labour force	Unemployment Total	Unemployment rate	Participation rate
			Full-time	Part-time	Total						
AGED 15 TO 19											
Attending --											
	School		4.1	166.0	170.1	43.0	213.1	466.8	679.8	20.2	31.3
	University		* 2.1	19.3	21.5	* 3.3	24.7	26.6	51.3	* 13.2	48.2
		Full-time	* 0.4	18.0	18.3	* 3.3	21.6	26.6	48.1	* 15.2	44.9
		Part-time	* 1.8	* 1.4	* 3.1	* 0.0	* 3.1	* 0.0	* 3.1	* 0.0	* 100.0
	CAE		3.9	14.7	18.6	4.2	22.9	22.7	45.5	18.5	50.2
		Full-time	* 0.6	14.0	14.6	4.0	18.6	22.7	41.3	21.4	45.1
		Part-time	* 3.3	* 0.8	4.0	* 0.2	4.3	* 0.0	4.3	* 5.9	100.0
	TAFE/technical college		86.3	17.7	104.0	6.6	110.6	17.3	127.9	6.0	86.5
		Full-time	4.9	9.9	14.8	3.7	18.5	15.8	34.4	20.0	53.9
		Part-time	81.4	7.8	89.2	* 2.9	92.1	* 1.4	93.5	* 3.2	98.5
	Other		4.0	3.8	7.8	* 1.9	9.7	5.7	15.4	* 19.6	62.8
	Total		100.4	221.6	322.0	59.0	381.0	539.0	920.0	15.5	41.4
		Full-time	10.0	210.7	220.7	54.3	275.0	535.8	810.8	19.7	33.9
		Part-time	90.4	10.9	101.3	4.7	106.0	* 3.2	109.1	4.5	97.1
Not attending in September 1988			320.0	43.4	363.5	71.3	434.8	38.8	473.6	16.4	91.8
Total			420.4	265.0	685.4	130.3	815.7	577.8	1,393.6	16.0	58.5
AGED 20 TO 24											
Attending --											
	School		* 1.2	* 0.6	* 1.8	* 0.3	* 2.1	* 1.7	3.7	* 12.1	* 55.5
	University		12.4	23.8	36.2	3.6	39.8	39.2	79.0	9.1	50.3
		Full-time	* 2.8	21.6	24.4	* 3.1	27.5	38.8	66.3	* 11.2	41.5
		Part-time	9.5	* 2.2	11.7	* 0.5	12.3	* 0.4	12.7	* 4.4	96.9
	CAE		12.5	17.4	29.8	4.5	34.3	24.5	58.8	13.1	58.3
		Full-time	* 2.3	15.9	18.2	* 2.5	20.7	24.5	45.2	* 12.2	45.8
		Part-time	10.1	* 1.5	11.6	* 1.9	13.6	* 0.0	13.6	* 14.3	100.0
	TAFE/technical college		65.7	10.7	76.4	4.7	81.1	11.3	92.4	5.8	87.8
		Full-time	* 1.4	5.6	7.0	* 1.8	8.7	8.1	16.9	* 20.0	51.9
		Part-time	64.3	5.2	69.4	* 2.9	72.4	* 3.2	75.6	* 4.1	95.8
	Other		12.1	* 3.2	15.3	* 1.4	16.7	3.9	20.7	* 8.3	80.9
	Total		103.8	55.7	159.6	14.4	174.0	80.7	254.7	8.3	68.3
		Full-time	7.5	45.5	53.0	8.4	61.4	75.7	137.1	13.7	44.8
		Part-time	96.3	10.3	106.6	6.0	112.6	4.9	117.5	5.3	95.8
Not attending in September 1988			752.7	78.1	830.7	91.0	921.7	131.6	1,053.4	9.9	87.5
Total			856.5	133.8	990.3	105.4	1,095.8	212.3	1,308.1	9.6	83.8
TOTAL											
Attending --											
	School		5.2	166.7	171.9	43.2	215.1	468.4	683.5	20.1	31.5
	University		14.5	43.1	57.6	6.9	64.5	65.8	130.3	10.7	49.5
		Full-time	* 3.2	39.5	42.7	6.4	49.1	65.4	114.5	12.9	42.9
		Part-time	11.3	3.6	14.9	* 0.5	15.4	* 0.4	15.8	* 3.5	97.5
	CAE		16.4	32.1	48.5	8.7	57.2	47.2	104.3	15.2	54.8
		Full-time	* 3.0	29.8	32.8	6.5	39.3	47.2	86.5	16.5	45.5
		Part-time	13.4	* 2.2	15.6	* 2.2	17.8	* 0.0	17.8	* 12.3	100.0
	TAFE/technical college		152.0	28.4	180.4	11.3	191.8	28.6	220.3	5.9	87.0
		Full-time	6.4	15.5	21.8	5.4	27.3	24.0	51.2	20.0	53.2
		Part-time	145.7	12.9	158.6	5.9	164.5	4.6	169.1	3.6	97.3
	Other		16.1	7.0	23.1	* 3.3	26.4	9.7	36.1	* 12.4	73.2
	Total		204.2	277.3	481.6	73.4	555.0	619.7	1,174.6	13.2	47.2
		Full-time	17.5	256.2	273.7	62.7	336.4	611.6	947.9	18.6	35.5
		Part-time	186.7	21.1	207.9	10.7	218.6	8.1	226.7	4.9	96.4
Not attending in September 1988			1,072.7	121.5	1,194.2	162.3	1,356.5	170.5	1,527.0	12.0	88.8
Total			1,277.0	398.8	1,675.8	235.7	1,911.5	790.1	2,701.6	12.3	70.8

TABLE 5. PERSONS AGED 15 TO 24 : WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, SEPTEMBER 1988

Whether attending in Sept 1988	Type of institution attending in Sept 1988	Type of attendance in Sept 1988	Employed			Unemployed	Labour force	Not in labour force	Total	Unemployment rate	Participation rate
			Full-time	Part-time	Total					--'000--	
MALES											
Attending --											
	School University		3.5	78.2	81.6	20.8	102.5	245.6	348.1	20.3	29.4
		Full-time	9.1	20.0	29.0	3.6	32.7	39.2	71.9	11.2	45.4
		Part-time	* 1.5	17.8	19.4	* 3.4	22.7	38.8	61.6	* 14.8	36.9
	CAE		7.5	* 2.1	9.7	* 0.3	10.0	* 0.4	10.4	* 2.9	96.2
		Full-time	10.4	10.9	21.3	4.9	26.2	23.9	50.1	18.8	52.3
		Part-time	* 2.3	9.8	12.2	* 2.9	15.1	23.9	39.0	* 19.5	38.7
	TAFE/technical college		8.1	* 1.1	9.1	* 2.0	11.1	* 0.0	11.1	* 17.9	100.0
		Full-time	113.3	11.9	125.2	6.7	131.9	11.1	143.0	5.1	92.2
		Part-time	5.2	5.7	10.9	* 2.4	13.3	9.7	23.0	* 18.2	57.8
	Other		108.1	6.3	114.4	4.3	118.6	* 1.4	120.0	3.6	98.8
	Total		8.8	* 1.2	10.0	* 1.0	11.0	* 2.0	13.0	* 9.1	84.9
		Full-time	145.0	122.2	267.2	37.1	304.3	321.8	626.1	12.2	48.6
		Part-time	12.2	112.4	124.6	30.1	154.8	319.2	473.9	19.5	32.7
			132.8	9.8	142.6	7.0	149.6	* 2.6	152.1	4.7	98.3
Not attending in September 1988			585.3	39.1	624.5	89.3	713.8	27.0	740.8	12.5	96.4
Total			730.3	161.3	891.7	126.4	1,018.1	348.8	1,366.9	12.4	74.5
FEMALES											
Attending --											
	School University		* 1.8	88.5	90.3	22.4	112.6	222.8	335.5	19.8	33.6
		Full-time	5.4	23.2	28.6	* 3.2	31.8	26.5	58.4	* 10.2	54.5
		Part-time	* 1.7	21.7	23.4	* 3.0	26.4	26.5	52.9	* 11.4	49.8
	CAE		3.8	* 1.4	5.2	* 0.3	5.4	* 0.0	5.4	* 4.6	100.0
		Full-time	6.0	21.2	27.2	3.8	31.0	23.3	54.3	12.2	57.1
		Part-time	* 0.6	20.0	20.7	3.6	24.2	23.3	47.5	14.7	51.0
	TAFE/technical college		5.3	* 1.2	6.5	* 0.2	6.7	* 0.0	6.7	* 3.1	100.0
		Full-time	38.8	16.4	55.2	4.6	59.8	17.5	77.3	7.7	77.4
		Part-time	* 1.2	9.8	11.0	* 3.0	14.0	14.3	28.3	* 21.7	49.5
	Other		37.6	6.7	44.3	* 1.6	45.8	* 3.2	49.1	* 3.5	93.4
	Total		7.3	5.8	13.1	* 2.3	15.4	7.7	23.1	* 14.9	66.6
		Full-time	59.3	155.1	214.4	36.3	250.7	297.9	548.6	14.5	45.7
		Part-time	5.3	143.8	149.1	32.5	181.6	292.4	474.0	17.9	38.3
			54.0	11.3	65.3	3.8	69.0	5.5	74.5	5.4	92.6
Not attending in September 1988			487.4	82.3	569.7	73.0	642.7	143.4	786.2	11.4	81.8
Total			546.6	237.5	784.1	109.3	893.4	441.3	1,334.7	12.2	66.9
PERSONS											
Attending --											
	School University		5.2	166.7	171.9	43.2	215.1	468.4	683.5	20.1	31.5
		Full-time	14.5	43.1	57.6	6.9	64.5	65.8	130.3	10.7	49.5
		Part-time	* 3.2	39.5	42.7	6.4	49.1	65.4	114.5	12.9	42.9
	CAE		11.3	3.6	14.9	* 0.5	15.4	* 0.4	15.8	* 3.5	97.5
		Full-time	16.4	32.1	48.5	8.7	57.2	47.2	104.3	15.2	54.8
		Part-time	* 3.0	29.8	32.8	6.5	39.3	47.2	86.5	16.5	45.5
	TAFE/technical college		13.4	* 2.2	15.6	* 2.2	17.8	* 0.0	17.8	* 12.3	100.0
		Full-time	152.0	28.4	180.4	11.3	191.8	28.6	220.3	5.9	87.0
		Part-time	6.4	15.5	21.8	5.4	27.3	24.0	51.2	20.0	53.2
			145.7	12.9	158.6	5.9	164.5	4.6	169.1	3.6	97.3
	Other		16.1	7.0	23.1	* 3.3	26.4	9.7	36.1	* 12.4	73.2
	Total		204.2	277.3	481.6	73.4	555.0	619.7	1,174.6	13.2	47.2
		Full-time	17.5	256.2	273.7	62.7	336.4	611.6	947.9	18.6	35.5
		Part-time	186.7	21.1	207.9	10.7	218.6	8.1	226.7	4.9	96.4
Not attending in September 1988			1,072.7	121.5	1,194.2	162.3	1,356.5	170.5	1,527.0	12.0	88.8
Total			1,277.0	398.8	1,675.8	235.7	1,911.5	790.1	2,701.6	12.3	70.8

TABLE 6. PERSONS AGED 15 TO 24: WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, BIRTHPLACE AND LABOUR FORCE STATUS, SEPTEMBER 1988

	Employed			Unem- ployed	Labour force	Not in labour force	Total	Unem- ployment rate	Partici- pation rate		
	Full-time	Part-time	Total								
				--'000--				--per cent--			
MALES											
Attending in September 1988(a)	145.0	122.2	267.2	37.1	304.3	321.8	626.1	12.2	48.6		
Born in Australia	127.3	107.8	235.1	30.2	265.3	261.7	527.0	11.4	50.3		
Born outside Australia	17.7	14.4	32.1	6.9	39.0	54.6	93.5	17.7	41.7		
Born in main english-speaking countries(b)	8.7	6.6	15.4	3.7	19.1	15.2	34.2	19.3	55.7		
Born in other countries	9.0	7.7	16.7	* 3.2	19.9	39.4	59.3	* 16.2	33.6		
Not attending in September 1988	585.3	39.1	624.5	89.3	713.8	27.0	740.8	12.5	96.4		
Born in Australia	495.5	33.8	529.3	76.5	605.8	23.6	629.3	12.6	96.3		
Born outside Australia	89.8	5.4	95.2	12.8	108.0	3.5	111.5	11.9	96.9		
Born in main english-speaking countries(b)	45.4	* 2.7	48.1	6.0	54.1	* 1.8	56.0	11.1	96.7		
Born in other countries	44.4	* 2.6	47.0	6.9	53.9	* 1.6	55.5	12.7	97.1		
<i>Total</i>	730.3	161.3	891.7	126.4	1,018.1	348.8	1,366.9	12.4	74.5		
Born in Australia	622.9	141.6	764.4	106.7	871.1	285.3	1,156.4	12.2	75.3		
Born outside Australia	107.5	19.7	127.2	19.8	147.0	58.1	205.0	13.4	71.7		
Born in main english-speaking countries(b)	54.1	9.4	63.5	9.7	73.2	17.0	90.2	13.2	81.1		
Born in other countries	53.4	10.3	63.7	10.1	73.8	41.0	114.8	13.7	64.3		
FEMALES											
Attending in September 1988(a)	59.3	155.1	214.4	36.3	250.7	297.9	548.6	14.5	45.7		
Born in Australia	52.4	138.9	191.2	31.0	222.2	247.8	470.0	13.9	47.3		
Born outside Australia	6.9	16.3	23.1	5.3	28.5	45.2	73.6	18.7	38.6		
Born in main english-speaking countries(b)	3.6	7.4	10.9	* 2.2	13.1	9.0	22.1	* 16.7	59.2		
Born in other countries	* 3.3	8.9	12.2	* 3.1	15.3	36.1	51.5	* 20.5	29.8		
Not attending in September 1988	487.4	82.3	569.7	73.0	642.7	143.4	786.2	11.4	81.8		
Born in Australia	412.0	70.8	482.8	62.2	545.1	116.0	661.1	11.4	82.4		
Born outside Australia	75.4	11.5	86.9	10.8	97.6	27.4	125.0	11.0	78.1		
Born in main english-speaking countries(b)	38.5	8.0	46.5	6.1	52.6	11.8	64.4	11.5	81.7		
Born in other countries	36.9	3.5	40.3	4.7	45.0	15.6	60.6	10.4	74.3		
<i>Total</i>	546.6	237.5	784.1	109.3	893.4	441.3	1,334.7	12.2	66.9		
Born in Australia	464.4	209.7	674.1	93.2	767.3	363.8	1,131.1	12.1	67.8		
Born outside Australia	82.2	27.8	110.0	16.1	126.1	72.6	198.7	12.8	63.5		
Born in main english-speaking countries(b)	42.1	15.4	57.5	8.2	65.7	20.8	86.5	12.5	75.9		
Born in other countries	40.2	12.4	52.5	7.8	60.4	51.7	112.1	13.0	53.9		
PERSONS											
Attending in September 1988(a)	204.2	277.3	481.6	73.4	555.0	619.7	1,174.6	13.2	47.2		
Born in Australia	179.7	246.7	426.4	61.2	487.6	509.5	997.0	12.5	48.9		
Born outside Australia	24.5	30.6	55.2	12.2	67.4	99.8	167.2	18.1	40.3		
Born in main english-speaking countries(b)	12.3	14.0	26.3	5.9	32.2	24.2	56.4	18.2	57.0		
Born in other countries	12.3	16.6	28.9	6.4	35.3	75.5	110.8	18.1	31.8		
Not attending in September 1988	1,072.7	121.5	1,194.2	162.3	1,356.5	170.5	1,527.0	12.0	88.8		
Born in Australia	907.5	104.6	1,012.2	138.7	1,150.9	139.6	1,290.5	12.1	89.2		
Born outside Australia	165.2	16.9	182.0	23.6	205.6	30.9	236.5	11.5	86.9		
Born in main english-speaking countries(b)	83.9	10.8	94.7	12.0	106.7	13.6	120.4	11.3	88.7		
Born in other countries	81.3	6.1	87.4	11.6	98.9	17.2	116.1	11.7	85.2		
<i>Total</i>	1,277.0	398.8	1,675.8	235.7	1,911.5	790.1	2,701.6	12.3	70.8		
Born in Australia	1,087.2	351.3	1,438.5	199.9	1,638.4	649.1	2,287.5	12.2	71.6		
Born outside Australia	189.7	47.5	237.2	35.8	273.1	130.6	403.7	13.1	67.6		
Born in main english-speaking countries(b)	96.2	24.8	121.0	17.9	138.9	37.9	176.7	12.9	78.6		
Born in other countries	93.5	22.7	116.3	17.9	134.2	92.8	227.0	13.4	59.1		

(a) Includes boarding school pupils who were not asked country of birth. (b) Comprises United Kingdom and Ireland, Canada, South Africa, U.S.A. and New Zealand.

TABLE 7. PERSONS AGED 15 TO 24 WHO WERE ATTENDING AN EDUCATIONAL INSTITUTION IN SEPTEMBER 1988 :
 TYPE OF INSTITUTION ATTENDING, LEVEL OF COURSE AND AGE, SEPTEMBER 1988
 ('000)

	15-19 years			20-24 years			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
School	346.4	333.4	679.8	* 1.7	* 2.0	3.7	348.1	335.5	683.5
University(a)	26.1	25.2	51.3	45.8	33.2	79.0	71.9	58.4	130.3
Degree	24.7	23.5	48.2	43.4	30.8	74.3	68.1	54.3	122.5
CAE (a)	18.9	26.6	45.5	31.2	27.6	58.8	50.1	54.3	104.3
Degree	10.7	13.3	24.0	19.7	15.4	35.1	30.4	28.8	59.1
Certificate or diploma	7.4	13.3	20.7	9.4	12.2	21.6	16.7	25.5	42.2
TAFE/technical college(a)	85.8	42.1	127.9	57.2	35.2	92.4	143.0	77.3	220.3
Trade qualification/apprenticeship	65.3	9.0	74.3	26.4	* 2.2	28.6	91.7	11.2	102.9
Certificate or diploma	14.7	28.9	43.5	24.9	25.1	50.0	39.5	54.0	93.5
Secondary school course	* 3.1	* 3.3	6.4	* 2.1	* 2.6	4.6	5.2	5.8	11.0
Other	3.8	11.6	15.4	9.2	11.5	20.7	13.0	23.1	36.1
Total	481.0	439.0	920.0	145.1	109.6	254.7	626.1	548.6	1,174.6
Degree	36.2	37.2	73.4	65.1	48.2	113.2	101.3	85.3	186.6
Trade qualification/apprenticeship	67.5	9.6	77.1	29.9	* 2.9	32.8	97.4	12.5	109.9
Certificate or diploma	25.5	53.9	79.4	42.7	46.1	88.7	68.2	100.0	168.1
Secondary school course	349.8	337.3	687.1	4.3	5.2	9.4	354.1	342.5	696.6
Adult education	* 1.9	* 1.0	* 2.9	* 3.2	7.3	10.5	5.1	8.3	13.4

(a) Includes other levels of course.

TABLE 8. PERSONS AGED 15 TO 24 WHO WERE ATTENDING A TERTIARY INSTITUTION IN SEPTEMBER 1988 :
 TYPE OF INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND TYPE OF SCHOOL LAST ATTENDED, SEPTEMBER 1988
 ('000)

Type of institution attending in Sept 1988	Type of attendance in Sept 1988	Type of school last attended					Total	
		Government/State	Non-government			Total		
			Roman Catholic	Other	Total			
MALES								
University		39.1	16.6	16.2	32.8	71.9		
	Full-time	34.0	13.9	13.7	27.6	61.6		
	Part-time	5.1	* 2.7	* 2.5	5.2	10.4		
CAE		31.0	11.9	7.2	19.1	50.1		
	Full-time	22.8	9.8	6.4	16.2	39.0		
	Part-time	8.1	* 2.1	* 0.9	* 3.0	11.1		
TAFE/technical college		112.4	21.4	9.2	30.7	143.0		
	Full-time	17.0	* 3.3	* 2.7	6.0	23.0		
	Part-time	95.4	18.1	6.6	24.7	120.0		
Other		8.2	* 1.3	3.5	4.8	13.0		
Total		190.6	51.3	36.2	87.4	278.0		
	Full-time	75.8	27.5	23.7	51.2	126.9		
	Part-time	114.9	23.8	12.5	36.2	151.1		
FEMALES								
University		33.2	12.5	12.6	25.2	58.4		
	Full-time	29.4	11.6	12.0	23.6	52.9		
	Part-time	3.9	* 1.0	* 0.6	* 1.6	5.4		
CAE		36.1	11.6	6.6	18.2	54.3		
	Full-time	31.3	10.3	5.9	16.2	47.5		
	Part-time	4.7	* 1.3	* 0.7	* 2.0	6.7		
TAFE/technical college		60.0	12.2	5.1	17.3	77.3		
	Full-time	18.8	6.2	* 3.3	9.5	28.3		
	Part-time	41.2	6.0	* 1.8	7.8	49.1		
Other		16.2	3.5	* 3.4	6.9	23.1		
Total		145.5	39.9	27.7	67.6	213.1		
	Full-time	86.8	29.6	23.6	53.2	140.0		
	Part-time	58.7	10.3	4.1	14.4	73.1		
PERSONS								
University		72.3	29.2	28.8	58.0	130.3		
	Full-time	63.3	25.5	25.7	51.2	114.5		
	Part-time	9.0	3.7	* 3.1	6.8	15.8		
CAE		67.0	23.5	13.8	37.3	104.3		
	Full-time	54.2	20.0	12.3	32.3	86.5		
	Part-time	12.9	* 3.4	* 1.5	5.0	17.8		
TAFE/technical college		172.4	33.7	14.3	48.0	220.3		
	Full-time	35.8	9.5	5.9	15.5	51.2		
	Part-time	136.6	24.2	8.4	32.5	169.1		
Other		24.4	4.8	6.9	11.7	36.1		
Total		336.1	91.1	63.8	155.0	491.1		
	Full-time	162.5	57.1	47.3	104.4	266.9		
	Part-time	173.6	34.1	16.5	50.6	224.2		

TABLE 9. PERSONS AGED 15 TO 24 WHO WERE ATTENDING A TERTIARY INSTITUTION IN SEPTEMBER 1988 :
 TYPE OF INSTITUTION ATTENDING, LEVEL OF COURSE AND TYPE OF SCHOOL LAST ATTENDED
 ('000)

	Type of school last attended				Total	
	Government/State	Non-government				
		Roman Catholic	Other	Total		
MALES						
University (a)	39.1	16.6	16.2	32.8	71.9	
Degree	36.6	15.7	15.8	31.5	68.1	
CAE (a)	31.0	11.9	7.2	19.1	50.1	
Degree	17.1	8.4	4.9	13.3	30.4	
Certificate or diploma	11.2	* 3.2	* 2.4	5.6	16.7	
TAFE/technical college (a)	112.4	21.4	9.2	30.7	143.0	
Trade qualification/apprenticeship	76.8	11.8	* 3.1	14.9	91.7	
Certificate or diploma	26.6	8.5	4.4	12.9	39.5	
Secondary school course	4.6	* 0.4	* 0.1	* 0.5	5.2	
Other	8.2	* 1.3	3.5	4.8	13.0	
<i>Total</i>	<i>190.6</i>	<i>51.3</i>	<i>36.2</i>	<i>87.4</i>	<i>278.0</i>	
Degree	54.8	24.7	21.8	46.5	101.3	
Trade qualification/apprenticeship	81.8	12.6	* 3.1	15.6	97.4	
Certificate or diploma	45.2	13.4	9.5	22.9	68.2	
Secondary school course	4.6	* 0.4	* 1.0	* 1.4	6.0	
Adult education	4.2	* 0.1	* 0.8	* 0.9	5.1	
FEMALES						
University (a)	33.2	12.5	12.6	25.2	58.4	
Degree	30.6	12.0	11.7	23.8	54.3	
CAE (a)	36.1	11.6	6.6	18.2	54.3	
Degree	19.1	6.0	3.7	9.7	28.8	
Certificate or diploma	17.0	5.6	* 2.9	8.5	25.5	
TAFE/technical college (a)	60.0	12.2	5.1	17.3	77.3	
Trade qualification/apprenticeship	9.7	* 0.9	* 0.6	* 1.5	11.2	
Certificate or diploma	41.2	9.8	* 3.0	12.8	54.0	
Secondary school course	3.8	* 1.0	* 1.1	* 2.0	5.8	
Other	16.2	3.5	* 3.4	6.9	23.1	
<i>Total</i>	<i>145.5</i>	<i>39.9</i>	<i>27.7</i>	<i>67.6</i>	<i>213.1</i>	
Degree	51.3	18.4	15.7	34.0	85.3	
Trade qualification/apprenticeship	11.0	* 0.9	* 0.6	* 1.5	12.5	
Certificate or diploma	72.1	18.4	9.5	27.9	100.0	
Secondary school course	3.8	* 1.4	* 1.8	* 3.2	7.0	
Adult education	7.4	* 0.8	* 0.1	* 0.9	8.3	
PERSONS						
University (a)	72.3	29.2	28.8	58.0	130.3	
Degree	67.2	27.8	27.6	55.3	122.5	
CAE (a)	67.0	23.5	13.8	37.3	104.3	
Degree	36.2	14.4	8.6	23.0	59.1	
Certificate or diploma	28.1	8.8	5.3	14.1	42.2	
TAFE/technical college (a)	172.4	33.7	14.3	48.0	220.3	
Trade qualification/apprenticeship	86.6	12.7	3.6	16.3	102.9	
Certificate or diploma	67.8	18.3	7.4	25.7	93.5	
Secondary school course	8.4	* 1.4	* 1.2	* 2.6	11.0	
Other	24.4	4.8	6.9	11.7	36.1	
<i>Total</i>	<i>336.1</i>	<i>91.1</i>	<i>63.8</i>	<i>155.0</i>	<i>491.1</i>	
Degree	106.1	43.1	37.5	80.5	186.6	
Trade qualification/apprenticeship	92.8	13.5	3.6	17.1	109.9	
Certificate or diploma	117.3	31.9	19.0	50.8	168.1	
Secondary school course	8.4	* 1.8	* 2.8	4.6	13.0	
Adult education	11.5	* 0.9	* 0.9	* 1.8	13.4	

(a) Includes other levels of course.

TABLE 10. PERSONS AGED 15 TO 24 WHO WERE ATTENDING A TERTIARY INSTITUTION IN SEPTEMBER 1988 :
LEVEL OF COURSE AND LABOUR FORCE STATUS, SEPTEMBER 1988

	<i>Employed</i>			<i>Unem- ployed</i>	<i>Labour force</i>	<i>Not in labour force</i>	<i>Total</i>	<i>Unem- ployment rate</i>	<i>Partici- pation rate</i>					
	<i>Full-time</i>	<i>Part-time</i>	<i>Total</i>											
	--'000--													
MALES														
Degree	14.0	25.7	39.7	5.9	45.6	55.7	101.3	12.9	45.0					
Trade qualification/ apprenticeship	85.9	6.3	92.2	* 1.6	93.8	3.6	97.4	* 1.7	96.3					
Certificate or diploma	35.2	11.4	46.7	6.5	53.1	15.1	68.2	12.2	77.9					
Secondary school course	* 2.8	* 0.6	* 3.3	* 1.2	4.5	* 1.5	6.0	* 26.4	74.6					
Adult education	3.7	* 0.0	3.7	* 1.2	4.8	* 0.3	5.1	* 24.2	94.9					
<i>Total</i>	<i>141.5</i>	<i>44.0</i>	<i>185.5</i>	<i>16.3</i>	<i>201.8</i>	<i>76.2</i>	<i>278.0</i>	<i>8.1</i>	<i>72.6</i>					
FEMALES														
Degree	8.2	33.6	41.8	5.2	47.0	38.4	85.3	11.0	55.0					
Trade qualification/ apprenticeship	10.3	* 1.7	12.0	* 0.4	12.4	* 0.1	12.5	* 3.3	99.0					
Certificate or diploma	31.6	29.8	61.4	7.9	69.3	30.7	100.0	11.4	69.3					
Secondary school course	* 1.7	* 1.4	* 3.0	* 0.3	* 3.3	3.6	7.0	* 9.0	* 47.8					
Adult education	5.8	* 0.1	5.9	* 0.2	6.1	* 2.2	8.3	* 2.8	73.1					
<i>Total</i>	<i>57.5</i>	<i>66.6</i>	<i>124.1</i>	<i>13.9</i>	<i>138.0</i>	<i>75.0</i>	<i>213.1</i>	<i>10.1</i>	<i>64.8</i>					
PERSONS														
Degree	22.1	59.3	81.5	11.0	92.5	94.1	186.6	11.9	49.6					
Trade qualification/ apprenticeship	96.2	8.0	104.2	* 2.0	106.2	3.7	109.9	* 1.9	96.6					
Certificate or diploma	66.8	41.2	108.0	14.4	122.4	45.7	168.1	11.7	72.8					
Secondary school course	4.4	* 1.9	6.3	* 1.5	7.8	5.2	13.0	* 19.0	60.2					
Adult education	9.4	* 0.1	9.5	* 1.3	10.9	* 2.5	13.4	* 12.3	81.4					
<i>Total</i>	<i>199.0</i>	<i>110.6</i>	<i>309.6</i>	<i>30.2</i>	<i>339.8</i>	<i>151.2</i>	<i>491.1</i>	<i>8.9</i>	<i>69.2</i>					

TABLE 11. PERSONS AGED 15 TO 24 WHO WERE ATTENDING A TERTIARY INSTITUTION IN SEPTEMBER 1988 :
TYPE OF ATTENDANCE, TYPE OF SCHOOL LAST ATTENDED AND LABOUR FORCE STATUS, SEPTEMBER 1988

	Employed			Unem- ployed	Labour force	Not in labour force	Total	Unem- ployment rate	Partici- pation rate
	Full-time	Part-time	Total						
ATTENDING FULL-TIME									
Males	9.6	34.2	43.8	9.4	53.2	73.8	126.9	17.6	41.9
Government/State	6.9	17.9	24.9	6.4	31.2	44.5	75.8	20.4	41.2
Non-government	* 2.6	16.3	18.9	* 3.0	21.9	29.2	51.2	* 13.7	42.8
Roman Catholic	* 2.3	7.6	9.9	* 2.2	12.0	15.5	27.5	* 17.9	43.7
Other	* 0.4	8.7	9.1	* 0.9	9.9	13.8	23.7	* 8.6	41.9
Females	4.4	55.3	59.7	10.8	70.4	69.5	140.0	15.3	50.3
Government/State	* 1.8	34.8	36.5	6.4	42.9	43.9	86.8	14.9	49.5
Non-government	* 2.6	20.5	23.1	4.4	27.5	25.7	53.2	15.8	51.7
Roman Catholic	* 1.4	12.9	14.3	* 2.3	16.5	13.1	29.6	* 13.6	55.8
Other	* 1.2	7.7	8.9	* 2.1	11.0	12.6	23.6	* 19.1	46.6
<i>Persons</i>	13.9	89.5	103.4	20.2	123.6	143.3	266.9	16.3	46.3
Government/State	8.7	52.7	61.4	12.8	74.2	88.4	162.5	17.3	45.6
Non-government	5.3	36.8	42.1	7.4	49.4	54.9	104.4	14.9	47.4
Roman Catholic	3.7	20.5	24.1	4.4	28.5	28.6	57.1	15.4	50.0
Other	* 1.6	16.3	17.9	* 3.0	20.9	26.4	47.3	* 14.1	44.2
ATTENDING PART-TIME									
Males	132.0	9.8	141.8	6.9	148.7	* 2.4	151.1	4.6	98.4
Government/State	100.3	7.9	108.2	5.2	113.5	* 1.4	114.9	4.6	98.8
Non-government	31.6	* 1.9	33.6	* 1.6	35.2	* 1.0	36.2	* 4.7	97.1
Roman Catholic	21.3	* 1.0	22.2	* 1.4	23.7	* 0.1	23.8	* 6.1	99.5
Other	10.4	* 0.9	11.3	* 0.2	11.5	* 0.9	12.5	* 1.8	92.6
Females	53.1	11.3	64.4	* 3.2	67.6	5.5	73.1	* 4.7	92.5
Government/State	43.1	8.9	52.0	* 2.8	54.8	3.9	58.7	* 5.2	93.4
Non-government	10.0	* 2.4	12.4	* 0.3	12.8	* 1.6	14.4	* 2.5	88.8
Roman Catholic	6.9	* 1.9	8.9	* 0.1	8.9	* 1.4	10.3	* 0.8	86.7
Other	* 3.1	* 0.5	3.6	* 0.3	3.8	* 0.2	4.1	* 6.5	94.0
<i>Persons</i>	185.1	21.1	206.2	10.1	216.3	7.9	224.2	4.6	96.5
Government/State	143.4	16.8	160.2	8.1	168.3	5.3	173.6	4.8	97.0
Non-government	41.7	4.3	46.0	* 2.0	48.0	* 2.7	50.6	* 4.1	94.8
Roman Catholic	28.2	* 2.9	31.1	* 1.5	32.6	* 1.5	34.1	* 4.6	95.6
Other	13.5	* 1.4	14.9	* 0.5	15.4	* 1.2	16.5	* 3.0	93.0
TOTAL									
Males	141.5	44.0	185.5	16.3	201.8	76.2	278.0	8.1	72.6
Government/State	107.2	25.8	133.1	11.6	144.7	45.9	190.6	8.0	75.9
Non-government	34.3	18.2	52.5	4.6	57.1	30.3	87.4	8.1	65.3
Roman Catholic	23.5	8.6	32.1	3.6	35.7	15.6	51.3	10.1	69.6
Other	10.8	9.6	20.4	* 1.1	21.5	14.7	36.2	* 4.9	59.4
Females	57.5	66.6	124.1	13.9	138.0	75.0	213.1	10.1	64.8
Government/State	44.8	43.7	88.5	9.3	97.8	47.7	145.5	9.5	67.2
Non-government	12.7	22.9	35.6	4.7	40.3	27.3	67.6	11.6	59.6
Roman Catholic	8.3	14.8	23.1	* 2.3	25.4	14.5	39.9	* 9.1	63.8
Other	4.3	8.1	12.5	* 2.4	14.8	12.8	27.7	* 15.9	53.6
<i>Persons</i>	199.0	110.6	309.6	30.2	339.8	151.2	491.1	8.9	69.2
Government/State	152.1	69.5	221.6	20.9	242.5	93.7	336.1	8.6	72.1
Non-government	47.0	41.1	88.1	9.3	97.4	57.6	155.0	9.6	62.8
Roman Catholic	31.9	23.3	55.2	5.9	61.1	30.0	91.1	9.7	67.0
Other	15.1	17.8	32.9	* 3.4	36.3	27.5	63.8	* 9.4	56.8

TABLE 12. PERSONS AGED 15 TO 19 WHO WERE ATTENDING SCHOOL IN SEPTEMBER 1988 :
 AGE AND TYPE OF SCHOOL ATTENDING IN SEPTEMBER 1988
 ('000)

Age	Government/State	Type of school attending in September 1988			Total	
		Non-government		Total(a)		
		Roman Catholic	Other			
MALES						
15	92.3	21.9	11.7	35.6	127.9	
16	80.2	19.2	11.4	32.2	112.4	
17	49.6	14.4	10.7	26.7	76.4	
18	18.4	3.9	3.9	8.0	26.4	
19	* 2.6	* 0.4	* 0.3	* 0.6	* 3.2	
<i>Total</i>	243.2	59.7	38.0	103.2	346.4	
FEMALES						
15	89.7	25.2	10.6	36.8	126.5	
16	72.8	23.2	12.6	37.9	110.7	
17	45.8	12.7	11.2	25.7	71.5	
18	16.2	* 3.3	* 2.4	5.7	21.9	
19	* 2.1	* 0.0	* 0.8	* 0.8	* 2.9	
<i>Total</i>	226.6	64.3	37.6	106.8	333.4	
PERSONS						
15	182.0	47.1	22.4	72.4	254.4	
16	153.0	42.3	24.0	70.1	223.1	
17	95.4	27.0	21.8	52.4	147.8	
18	34.6	7.2	6.3	13.7	48.3	
19	4.7	* 0.4	* 1.0	* 1.4	6.1	
<i>Total</i>	469.8	124.1	75.5	210.0	679.8	

(a) Includes boarding school pupils who were not asked the type of school they were attending.

APPENDIX A

GLOSSARY

CAE: college of advanced education.

Educational institution: any institution whose primary role is education. Included are schools, universities, colleges of advanced education, colleges of technical and further education, public and private colleges, etc. Excluded are institutions whose primary role is not education, for example hospitals.

Full-time attendance: persons who consider themselves to be attending full-time, or the institution which they are attending so classifies them.

Other educational institution: attendance at other educational institution includes business, commercial and secretarial colleges; religious and theological colleges; and overseas institutions.

Part-time attendance: persons who consider themselves to be attending part-time or the institution which they are attending so classifies them.

TAFE: college of technical and further education.

Tertiary institution: any educational institution other than a school.

APPENDIX B

EXPLANATORY NOTES

Introduction

The monthly population survey (which is described in *The Labour Force, Australia* (6203.0)) comprises the monthly labour force survey and supplementary topics. This publication contains some results of a supplementary survey run in association with the September 1988 labour force survey conducted throughout Australia.

2. Of the respondents to the labour force survey, those who fell within the scope of the supplementary survey were asked additional questions. They were asked whether they were attending an educational institution and, if so, the type of educational institution and the type of attendance.

Scope

3. The scope of this supplementary survey was the same as that used for the labour force survey (described in full in *The Labour Force, Australia* (6203.0)) except that it was restricted to persons aged 15 to 24 and excluded persons permanently unable to work, some patients in hospitals and sanatoriums and inmates of reformatories, gaols, etc.

Coverage

4. In the population survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. See *The Labour Force, Australia* (6203.0) for more details.

Definitions

5. Definition of labour force and demographic classifications appearing in this publication are given in *The Labour Force, Australia* (6203.0).

6. Unless otherwise stated, all characteristics referenced in this publication relate to the week before the interview (i.e. the reference week).

Results of the Survey

7. Due to differences in the method of estimation used in this supplementary survey and that used in the labour force survey, there are some small variations between estimates in this publication and those in the corresponding issue of *The Labour Force, Australia* (6203.0).

8. The estimates in this publication refer to information collected in the survey month and, due to seasonal factors, may not be representative of other months of the year.

9. Care should be taken when comparing estimates of those attending school between May 1988 and September 1988. The increase of 51,000 is most likely largely attributable to the number of 14 year olds at school in May 1988 who have come into the scope of the survey by turning 15 years of age in the period between the two surveys. Since the surveys include persons up to 24 years of age there was no compensating loss at the upper end of the school age population.

10. It is proposed that this survey will be conducted next in September 1989.

Unpublished tables

11. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, manually extracted tabulation. In general, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section at the front of this publication, or to Information Services in the nearest ABS Office.

Reliability of the estimates

12. Estimates in this publication are subject to sampling and non-sampling errors. For more information refer to the Technical Note, Appendix C.

Estimation procedure

13. The estimates are derived from the population survey by use of a ratio estimation procedure which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age and sex, rather than to the corresponding distribution within the sample itself.

Related publications

14. Other ABS publications which may be of interest include:

The Labour Force, Australia (6203.0) — issued monthly

Transition from Education to Work, Australia (6227.0) — issued annually

Labour Force Status and Educational Attainment, Australia (6235.0) — issued annually

National Schools Statistics Collection, Australia (4221.0) — issued annually

Information Paper : Questionnaires Used in the Labour Force Survey (6232.0)

15. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

* subject to sampling variability too high for most practical uses. See the Technical Note, Appendix C.

16. Because estimates have been rounded, discrepancies may occur between sums of the component items and totals.

Electronic services

VIATEL. Key *656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.

For further information phone the AUSSATS Help Desk on (062) 52 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

Further information is available on (062) 52 5404.

Floppy disk service

Selected ABS statistics are available on floppy disk. Further information is available on (062) 52 6684.

APPENDIX C

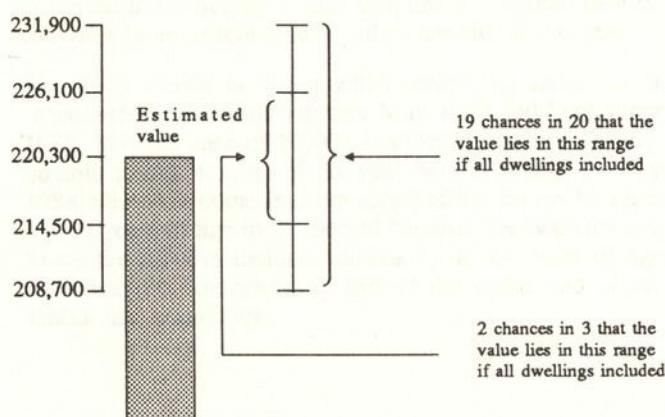
TECHNICAL NOTE

Estimation procedure

Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability, that is, they may differ from those that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the number that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of the likely difference is the *relative standard error*, which is obtained by expressing the standard error as a percentage of the estimate.

2. Space does not allow for the separate indication of the standard errors of all estimates in this publication. A table of standard errors for general application is given on the following page. Since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics, these figures will not give a precise measure of the standard error of a particular estimate but they will provide an indication of its magnitude.

3. An example of the calculation and the use of standard errors in relation to estimates of persons is as follows. Table 2 shows the estimated number of persons aged 15 to 24 who, in September 1988, were attending a TAFE/technical college as 220,300. Since this estimate is between 200,000 and 300,000 the standard error for Australia will be between 5,600 and 6,600 in the standard error table and can be approximated as 5,800 (rounded to the nearest 100). Therefore, there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall within the range 214,500 to 226,100 and about nineteen chances in twenty that the value will fall within the range 208,700 to 231,900. This example is illustrated in the following diagram.



4. As can be seen from the standard error table, the smaller the estimate the higher is the relative standard error. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication only estimates with relative standard errors of 25 per cent or less (and percentages based on such estimates) are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included, and are preceded by an asterisk (e.g. *3.4) to indicate they are subject to high standard errors and should be used with caution.

5. Proportions and percentages formed from the ratio of two estimates are also subject to sampling error. The size of the error depends on the accuracy of both the numerator and the denominator. A formula to approximate the relative standard error (RSE) of a proportion is:

$$RSE(x/y) = \sqrt{[RSE(x)]^2 - [RSE(y)]^2}$$

6. Considering the example from paragraph 3 above, the 220,300 persons represent 44.9 per cent of the 491,100 persons aged 15 to 24 who were attending tertiary institutions in September 1988. The standard error of 491,100 is approximately 8,000 so the relative standard error is 1.6 per cent. The relative standard error for 220,300 is 2.7 per cent. Applying the above formula, the relative standard error of the proportion is $\sqrt{(2.7)^2 - (1.6)^2}$ or 2.2 per cent, giving a standard error for the proportion (44.9 per cent) of 1.0 percentage points. Therefore, there are about two chances in three that the proportion of persons aged 15 to 24 who were attending a TAFE/technical college in September 1988 is between 43.9 per cent and 45.9 per cent and nineteen chances in twenty the proportion is within the range 42.9 per cent to 46.9 per cent.

7. Published estimates may also be used to calculate the difference between two survey estimates (of numbers or percentages). Such an estimate is also subject to sampling error. The sampling error of the difference between two estimates depends on their standard errors and the relationship (correlation) between them. An approximate standard error (SE) of the difference between two estimates (x-y) may be calculated by the following formula:

$$SE(x-y) = \sqrt{[SE(x)]^2 + [SE(y)]^2}$$

8. While this formula will only be exact for differences between separate and uncorrelated characteristics or sub-populations it is expected to provide a good approximation for all differences likely to be of interest in this publication.

9. The imprecision due to sampling variability, which is measured by the standard error, should not be confused

with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents and errors made in coding and processing data. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any enumeration, whether it be a full count

or a sample. Every effort is made to reduce non-sampling errors to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

STANDARD ERRORS OF ESTIMATES

